

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A method of controlling an icon appearance of a display system having a display screen, the method comprising:

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

changing the at least one sample icon's appearance according to inputs for a new icon appearance being received from a user through the icon control window;

backing up display properties of the display system which are currently set for an original icon appearance by generating a first registry subkey in a memory of the display system if the display properties are determined to be valid and storing the display properties in a corresponding registry; and

changing the icon appearance of the display system by changing the display properties in accordance with the user inputs,

wherein backing up the display properties occurs automatically in response to the inputs for a new icon appearance being received from the user through the icon control window and is performed immediately prior to changing the at least one sample icon's appearance.

2. (previously presented) The method of claim 1, wherein the received inputs include at least one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size, and an icon font type.

3. (original) The method of claim 1, wherein the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the sample icon being resized when the desired icon size is selected through the icon size controller; and

an execution controller interfacing with the display system in order to change an icon size of the display system according to the selected icon size.

4. (original) The method of claim 3, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

5. (original) The method of claim 4, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

6. (original) The method of claim 3, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

7. (original) The method of claim 6, wherein the plurality of selectable buttons include toggle buttons.

8. (original) The method of claim 1, wherein the icon control window comprises:
a plurality of manual input controllers manually receiving the inputs from the user; a preview region including the at least one sample icon, the sample icon's appearance being changed according to the manually received inputs; and
an execution controller interfacing with the display system for changing the display properties in accordance with the received user inputs.

9. (previously presented) The method of claim 8, wherein the user inputs comprises at least one of an icon size, a vertical icon spacing, a horizontal spacing, an icon font size, and an icon font type.

10. (previously presented) The method of claim 1, wherein the display properties are determined to be valid based on a display properties table of the display system.

11. (original) The method of claim 1, wherein the displaying an icon control window comprises:

determining whether the display properties are valid based on a display properties table of the display system; and

displaying the icon control window on the display screen if the display properties are determined to be valid.

12. (previously presented) The method of claim 1, wherein the changing the at least one sample icon's appearance comprises:

determining whether the inputs for the new icon appearance are received through the icon control window; and

changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the at least one sample icon according to the new icon appearance if the user inputs are received through the icon control window.

13. (previously presented) The method of claim 1, wherein the changing icon appearance of the display system comprises:

determining whether the inputs for the new icon appearance are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon appearance if the user inputs are supported by the display system.

14. (previously presented) A display system comprising:

a memory storing display properties of the display system which are currently set for an original icon appearance;

a display unit having a display screen; and

a display controller coupled to the memory and the display unit for:

displaying an icon control window on the display screen, the control window including at least one sample icon for a user's preview;

receiving inputs for a new icon appearance from a user through the icon control window;

changing the at least one sample icon's appearance according to the user inputs;

backing up display properties of the display system, which are currently set for an original icon appearance, by generating a first registry subkey in a memory of the display system if the display properties are determined to be valid and storing the display properties in a corresponding registry; and

changing an icon appearance of the display system by updating the display properties in accordance with the user inputs,

wherein backing up the display properties occurs automatically in response to the inputs for a new icon appearance being received from the user through the icon control window and is performed immediately prior to changing the at least one sample icon's appearance.

15. (previously presented) The display system of claim 14, wherein the user inputs include at least one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size, and an icon font type.

16. (original) The display system of claim 14, the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the display controller resizing the sample icon according to the selected icon size; and

an execution controller interfacing with the display controller for causing the display controller to change an icon size of the display system according to the selected icon size.

17. (original) The display system of claim 16, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

18. (original) The display system of claim 17, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

19. (original) The display system of claim 16, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

20. (original) The display system of claim 19, wherein the plurality of selectable buttons include toggle buttons.

21. (previously presented) The display system of claim 14, wherein the icon control window comprises:

- a plurality of manual input controllers manually receiving the inputs from the user;
- a preview region including the at least one sample icon, the display controller changing the sample icon's appearance according to the manually received inputs; and
- an execution controller interfacing with the display controller for causing the display controller to update the display properties in accordance with the received user inputs.

22. (previously presented) The display system of claim 21, wherein the manually received inputs comprise at least one of an icon size, a vertical icon spacing, a horizontal spacing, an icon font size, and an icon font type.

23. (previously presented) A computer software product, comprising:
a computer-readable medium storing program code for controlling an icon appearance of a display system having a display screen, the program code, when executed by a display controller, causing the display controller to perform:

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

changing the at least one sample icon's appearance according to the inputs for a new icon appearance being received from a user through the icon control window;

backing up display properties of the display system which are currently set for an original icon appearance by generating a first registry subkey in a memory of the display system if the display properties are determined to be valid and storing the display properties in a corresponding registry; and

changing the icon appearance of the display system by changing the display properties in accordance with the user inputs,

wherein backing up the display properties occurs automatically in response to the inputs for a new icon appearance being received from the user through the icon control window and is performed immediately prior to changing the at least one sample icon's appearance.

24-36. (**cancel ed**)

37. (previously presented) The method of claim 1, wherein the display properties include one of an icon size, a vertical icon spacing, a horizontal icon spacing, an icon font size and an icon font size.

38. (previously presented) The method of claim 37, wherein the change in the sample icon's appearance is performed with respect to the backed-up display properties.

39. (**currently anended**) The method of claim 1, further comprising, prior to the changing the icon appearance of the display system:

temporarily storing the display properties of the display system, which correspond to a current icon appearance, in a memory location different from where the display properties of the display system, which correspond to the original icon appearance, are backed-up.

40. (previously presented) The method of claim 39, further comprising

in response to the user's first command, restoring the changed display properties to the temporarily stored display properties; and

in response to the user's second command different from the first command, restoring the changed display properties to the backed-up display properties.

41. (**currently amended**) The method of claim 1, further comprising:

prior to the changing the icon appearance of the display system, temporarily storing the display properties of the display system which correspond to a current icon appearance;

in response to the user's first command, restoring the changed display properties to the temporarily stored display properties; and

in response to the user's second command different from the first command, restoring the changed display properties to the backed-up display properties.

42. (previously presented) The method of claim 1, further comprising:

if the display properties are determined to be invalid, changing the invalid display properties to valid display properties before said generating the first registry subkey.

43. (**new**) A method of controlling an icon appearance of a display system having a display screen, the method comprising:

displaying an icon control window on the display screen, the icon control window including a plurality of sample icons having different sizes for a user's preview;

selecting one sample icon among the sample icons of the icon control window according to inputs for a new icon appearance being received from a user through the icon control window; and

changing the icon appearance of the display system by changing the display properties in accordance with the user inputs.

44. (**new**) The method of claim 43, wherein exactly one of the sample icons of the icon control window has a size identical to the current icon size of the display system.

45. (**new**) The method of claim 43, wherein the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the selected sample icon, the sample icon of said preview region being resized when the desired icon size is selected through the icon size controller; and

an execution controller interfacing with the display system in order to change an icon size of the display system according to the selected icon size.

46. **(new)** The method of claim 45, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

47. **(new)** The method of claim 46, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

48. **(new)** The method of claim 45, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

49. **(new)** The method of claim 48, wherein the plurality of selectable buttons include toggle buttons.

50. **(new)** The method of claim 43, wherein the display properties are determined to be valid based on a display properties table of the display system.

51. **(new)** The method of claim 43, wherein the displaying an icon control window comprises:

determining whether the display properties are valid based on a display properties table of the display system; and

displaying the icon control window on the display screen if the display properties are determined to be valid.

52. **(new)** The method of claim 43, wherein the changing the icon appearance of the display system comprises:

determining whether the inputs for the new icon appearance are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon appearance if the user inputs are supported by the display system.

53. **(new)** The method of claim 1, wherein the change in the sample icon's appearance is performed without changing the icon appearance of the display system.

54. **(new)** The method of claim 53, wherein the icon control window comprises:

an icon appearance controller that receives the user inputs for a new icon appearance;

a preview region that includes the at least one sample icon, the appearance of the sample icon being automatically changed in response to the user inputs received through the icon appearance controller; and

an execution controller that interfaces with the display system and receives the user inputs to change the icon appearance of the display system;

wherein the icon appearance of the display system is changed only in response to the user inputs received through the execution controller and not in response to the user inputs received through the icon appearance controller.